

Abstract

The invention relates to a rotor for a turbo machine, in particular for a gas turbine.

The rotor comprises a rotor base body (11) and several rotor blades arranged over the circumference of the rotor base body (11), in which case the rotor based body (11) is manufactured of an MMC composite material, and in which case the rotor blades are an integral part of the rotor.

In accordance with the invention, the rotor base body (11) is configured in the shape of a ring, in which case the ring-shaped rotor base body (11) comprises, in a radially internal section (12), at least one groove-like recess (16) which is filled radially on the inside with fibers exhibiting tensile strength.

(Fig. 1)